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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete If Known</i>	
				Application Number	09/747,118
				Filing Date	12/22/2000
				First Named Inventor	Eldridge et al.
				Group Art Unit	2841
				Examiner Name	J. Alcalá
Sheet 1 of 2				Attorney Docket No.	P3D5-US



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
JHA	1	3271851		Hays	9/1996	
JHA	2	3753665		McCary et al.	8/1973	
JHA	3	3844909		McCary et al.	10/1974	
JHA	4	4659437		Shiba et al.	4/1987	
JHA	5	4764848		Simpson	8/1988	
JHA	6	4893172		Matsumoto et al.	1/1990	
JHA	7	4955523		Carlomagno et al.	9/1990	
JHA	8	4998885		Beaman	3/1991	
JHA	9	5037023		Akiyama et al.	8/1991	
JHA	10	5045975		Cray et al.	9/1991	
JHA	11	5189507		Carlomagno et al.	2/1993	
JHA	12	5210939		Malik et al.	5/1993	
JHA	13	5294039		Pai et al.	3/1994	
JHA	14	5309324		Herandez et al.	5/1994	
JHA	15	5455390		DiStefano et al.	10/1992	
JHA	16	5476211		Khandros	12/1992	
JHA	17	5518939		DiStefano et al.	5/1993	
JHA	18	5601740		Eldridge et al.	2/1997	
JHA	19	5608966		Donner et al.	3/1997	
JHA	20	5665654		Stansbury	9/1997	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T ³
		Office ⁴	Number ⁴	Kind Code ⁵				
JHA	21	DE	2354256			10/1973		
JHA	22	DE	2540321			9/1975		
JHA	23	DE	2618867			4/1976		
JHA	24	DE	2652077			5/1978		
JHA	25	DE	3129568			4/1982		
JHA	26	DE	3704200			8/1988		

Examiner Signature	<i>[Signature]</i>	Date Considered	6/10/03
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		Office ²	Number ²	Kind Code ³				
JHA	27	DE	3709222			9/1988		
JHA	28	DE	3744099			2/1989		
JHA	29	DE	4232745			3/1994		
JHA	30	EP	0 002 166			5/1979		
JHA	31	EP	0 205 190			12/1986		
JHA	32	EP	0 396248			11/1990		
JHA	33	EP	0432361			6/1991		
JHA	34	EP	0500074			8/1992		
JHA	35	EP	0528367			2/1993		
JHA	36	EP	0593966			4/1994		
JHA	37	EP	0610631			8/1994		
JHA	38	EP	0642163			3/1995		
JHA	39	FR	2 622 741			5/1989		
JHA	40	FR	2643753			8/1990		
JHA	41	JP	56021354			2/1981		
JHA	42	JP	57012543			1/1982		
JHA	43	JP	60097655			11/1983		
JHA	44	JP	59155161			9/1984		
JHA	45	JP	59211253			11/1984		
JHA	46	JP	60236252			11/1985		
JHA	47	JP	61051838			3/1986		
JHA	48	JP	61160958			7/1986		
JHA	49	JP	61170054			7/1986		
JHA	50	JP	61287254			12/1986		
JHA	51	JP	61291991			12/1986		
JHA	52	JP	62097360			5/1987		
JHA	53	JP	62105459			5/1987		
JHA	54	JP	62113457			5/1987		
JHA	55	JP	62120057			6/1987		
JHA	56	JP	02034949			2/1990		
JHA	57	JP	02183538			7/1990		
JHA	58	JP	3142847			6/1991		
JHA	59	JP	05259334			10/1993		

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		Examiner Name	J. Alcala		
Sheet	3	of	3	Attorney Docket No.	P3D5-US

OTHER PRIOR ART - NONPATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
JHA	60	"Method of Testing Chips and Joining Chips to Substrates" Research Disclosure, No. 322, p.130, February 1991.	
JHA	61	"Bitmetal VLSI Chip Interconnections" IBM Technical Disclosure Bulletin, Vol.29, No. 11, pp. 5021-5022, April 1987.	
JHA	62	"Method for Large Board Engineering Changes and Repair", IBM Technical Disclosure Bulletin, Vol.37, No. 02B, pp. 583-585, February 1994.	
JHA	63	"Engineering Change Interposer" IBM Technical Disclosure Bulletin, Vol.37, No. 9, p.157, September 1994.	
JHA	64	Ensworth, G.B., "Method of Testing Chips and Joining Chips to Substrates, 2244 Research Disclosure, No. 322, February 1991.	
JHA	65	"Bare-Chip-Attachment Method Spread I/O, Permits Pre-testing", 2328 Electronic Design, Vol.39, No. 10, May 23, 1991.	
	66	IBM Technical Disclosure Bulletin, Vol. 29, No. 8, p.3754, January 1987.	

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